

In the United States Patent and Trademark Office

Appn. Number: _____

Appn. Filed: _____

Applicant(s): Welbourne

Appn. Title: Laterally Ejecting Fluid Flow

Examiner/GAU: _____ 1324

Mailed: with Application

At: _____

Information Disclosure Statement

Commissioner of Patents and Trademarks
Washington, District of Columbia 20231

Sir:

Attached is a completed Form PTO-1449 and copies of the pertinent parts of the references cited thereon.

Following are comments on these references pursuant to Rule 98:

Patent No. 5,456,210 to Miller which describes a watering system for poultry and the like. The system includes a deflector bell which guides water jets downward into a cup. A perceived problem with this system is that if water is ejected at high pressure it can bounce from the bottom of the cup and splash vertically out of the cup.

Patent, No. 4,779,571 to Row describes a system which allows watering poultry which includes a cup with a raised central plateau portion that defines a cup supply hole fed from a connecting passage. A pecking tip is present, motion of which allows water passage past said cup supply hole.

Patent, No. 5,070,817 to Momont describes a system with a back flow preventing means.

Patent 4,402,343 to Thompson et al. also describes a system with back flow preventing means therewithin.

Patent No. 4,538,791 to Wostal describes a valve mechanism for a livestock watering bowl. The valve is operated by a plunger motion.

Additional Patents which describe systems which include the presence of back-flow restricting means are:

Patent No. 4,199,000 to Edstrom Sr. et al.

Patent No. 4,282,831 to Nilsen;
Patent No. 4,187,804 to von Taschitzki;
Patent No. 4,138,967 to Tamborrino;
Patent No. 4,047,503 to Wilmont;
Patent No. 3,868,926 to Olde;
Patent No. 3,527,193 to Smith; and
Patent No. 3,505,978 to Nilsen.

As regards systems which can be activated by mechanical action to cause liquid to flow therefrom, the most relevant Patents are:

Patent No. 4,089,350 to Gustin;
Patent No. 5,003,927 to Thompson; and
Patent No. 6,003,468 to Edstrom Sr. et al.
Patent No. 3,941,094 to Nilsen Jr.

Additional Patents which describe systems for performing functionally relevant precesses are:

Patent No. 5,065,700 to Cross;
Patent No. 4,416,221 to Novey;
Patent No. 4,370,948 to Atkins;
Patent No. 4,819,585 to Dolan et al.
Patent No. 3,550,560 to Edstrom
Patent No. 4,320,891 to Cairns.

Additional Patents known to the Applicant are:

Patent No. 2,600,103 to Feck;
Patent No. 2,678,630 to Frederiksen;
Patent No. 3,812,823 to Ridder et al.;
Patent No. 4,187,804 to Von Taschitzki;
Patent No. 4,307,682 to Bollman;
Patent No. 4,539,938 to Maranell et al.;
Patent No. 6,073,584 to Schumacher;
Patent No. 3,941,094 to Nilsen Jr.;
Patent No. 3,550,560 to Edstrom;

Patent No. EP 0406607 to von Taschitzki;
Patent No. GB 2134765 to Mallinson.

SINCERELY,

JAMES D. WELCH
REG. NO. 31,216

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Welbourne

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5426216	10/1995	Miller	119	25	
AB	4779571	10/1988	Row	119	25	
AC	5070817	12/1991	Momont	119	25	
AD	4402343	9/1983	Thompson et al.	137	614.2	
AE	4538791	9/1985	Worral	251	339	
AF	4199000	4/1980	Edstrom	137	206	
AG	4282831	8/1989	Nilsen	119	25	
AH	4138967	2/1979	Tamborrino	119	28	
AI	4047503	9/1977	WilmsT.	119	25	
AJ	3868926	3/1975	Older	119	25	
AK	3527193	9/1970	Smith	119	22.5	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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AA	3 505 978	4/1970	NILSEN			
AB	4 089 350	3/1978	GUTIN	138	45	
AC	5 003 927	4/1991	Thompson	119	72.5	
AD	6 003 468	12/1999	Edstrom Jr. et al	119	72.5	
AE	4 187 804		von Tschitzki	119	72.5	
AF	5 065 700	11/1991	Croll	119	72.5	
AG	4 411 622	11/1983	Navey	119	72.5	
AH	4 819 585	4/1989	Delan et al.	119	72.5	
AI	4 320 891	13/1982	CAITNS	251	332	
AJ	4 370 948	2/1983	ATkins	119	72.5	
AK	3 550 586	02/1970	Edstrom	119	72.5	

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Notice of References Cited	Application/Control No. 10/128,223	Applicant(s)/Patent Under Reexamination WELBOURNE, STEPHEN B.	
	Examiner David J Parsley	Art Unit 3643	Page 3 of 4

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-2,600,103	06-1952	Feck	119/77
	B	US-2,678,630	05-1954	Frøderiksen	119/75
	C	US-3,812,823	05-1974	Ridder et al.	119/54
	D	US-4,187,804	02-1980	von Taschitzki	119/72.5
	E	US-4,307,682	12-1981	Bollman	119/75
	F	US-4,539,938	09-1985	Maranell et al.	119/75
	G	US-6,073,584	06-2000	Schumacher	119/72
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N	EP 0406607	01-1991	Europe	von Taschitzki	-----
	O	GB 2134765	08-1984	United Kingdom	Mallinson	-----
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited

Application/Control No.

10/128,223

Applicant(s)/Patent Under
Reexamination
WELBOURNE, STEPHEN B.

Examiner

David J Parsley

Art Unit

3643

Page 4 of 4

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	A	US-3,941,094	03-1976	Nilsen, Jr.	119/80
	B	US-3,550,560	12-1970	Edstrom	119/72.5
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
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